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840 gtcgtcgACAAAACTCACACATGCCCCACCGTGCCCAGCACCTGAACTCCTGGGGGGGACCG 899
+-----+-----+-----+-----+-----+-----+-----+-----+
cagcagcTGTTTTGAGTGTGTACGGGTGGCACGGGTCTGTGACTTGAGGACCCCCCTGGC
S S T K L T H A H R A Q H L N S W G D R -
R R Q N S H M P T V P S T * T P G G T V -
V V D K T H T C P P C P A P E L L G G P -
900 TCAGTCTTCCTCTTCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAG 959
+-----+-----+-----+-----+-----+-----+-----+-----+
AGTCAGAAGGAGAAGGGGGGTTTGGGTTCCTGTGGGAGTACTAGAGGGCCTGGGGACTC
Q S S S S P Q N P R T P S * S P G P L R -
S L P L P P K T Q G H P H D L P D P * G -
S V F L F P P K P K D T L M I S R T P E -
960 GTCACATGCGTGGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTAC 1019
+-----+-----+-----+-----+-----+-----+-----+-----+
CAGTGTACGCACCACCACCTGCACTCGGTGCTTCTGGGACTCCAGTTCAAGTTGACCATG
S H A W W W T * A T K T L R S S S T G T -
H M R G G G R E P R R P * G Q V Q L V R -
V T C V V V D V S H E D P E V K F N W Y -
1020 GTGGACGGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGC 1079
+-----+-----+-----+-----+-----+-----+-----+-----+
CACCTGCCGCACCTCCACGTATTACGGTTCTGTTTCGGCGCCCTCCTCGTCATGTTGTGCG
W T A W R C I M P R Q S R G R S S T T A -
G R R G G A * C Q D K A A G G A V Q Q H -
V D G V E V H N A K T K P R E E Q Y N S -
1080 ACGTACCGTGTGGTGCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAG 1139
+-----+-----+-----+-----+-----+-----+-----+-----+
TGCATGGCACACCAGTCGCAGGAGTGGCAGGACGTGGTCTGACCGACTTACCGTTCCTC
R T V W S A S S P S C T R T G * M A R S -
V P C G Q R P H R P A P G L A E W Q G V -
T Y R V V S V L T V L H Q D W L N G K E -
1140 TACAAGTGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAA 1199
+-----+-----+-----+-----+-----+-----+-----+-----+
ATGTTACGTTCCAGAGGTTGTTTCGGGAGGGTCTGGGGGTAGCTCTTTTGGTAGAGGTTT
T S A R S P T K P S Q P P S R K P S P K -
Q V Q G L Q Q S P P S P H R E N H L Q S -
Y K C K V S N K A L P A P I E K T I S K -
1200 GCCAAAGGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTG 1259
+-----+-----+-----+-----+-----+-----+-----+-----+

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CGGTTTCCCGTCGGGGCTCTTGGTGTCCACATGTGGGACGGGGGTAGGGCCCTACTCGAC

P K G S P E N H R C T P C P H F G M S * -
Q R A A P R T T G V H P A P I P G * A D -
A K G Q P R E P Q V Y T L P P S R D E L -

1260 ACCAAGAACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCC 1319
+-----+-----+-----+-----+-----+-----+-----+-----+
TGGTTCTTGGTCCAGTCGGACTGGACGGACCAGTTTCCGAAGATAGGGTCGCTGTAGCGG

P R T R S A * P A W S K A S I P A T S P -
Q E P G Q P D L P G Q R L L S Q R H R R -
T K N Q V S L T C L V K G F Y P S D I A -

1320 STGGAGTGGGAGAGCAATGGGCAGCCGGAGAACAACACTACAAGACCACGCCTCCCGTGTTG 1379
+-----+-----+-----+-----+-----+-----+-----+-----+
CACCTCACCTCTCGTTACCCGTCGGCCTCTTGTTGATGTTCTGGTGCGGAGGGGCACAAC

W S G R A M G S R R T T T R P R L P C W -
G V G E Q W A A G E Q L Q D H A S R V G -
V E W E S N G Q P E N N Y K T T P P V L -

1380 GACTCCGACGGCTCCTTCTTCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAG 1439
+-----+-----+-----+-----+-----+-----+-----+-----+
CTGAGGCTGCCGAGGAAGAAGGAGATGTGTTTCGAGTGGCACCTGTTCTCGTCCACCGTC

T P T A P S S S T A S S P W T R A G G S -
L R R L L L P L Q Q A H R G Q E Q V A A -
D S D G S F F L Y S K L T V D K S R W Q -

1440 CAGGGGAACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAG 1499
+-----+-----+-----+-----+-----+-----+-----+-----+
GTCCCCTTGCAAGAAGAGTACGAGGCACTACGTACTCCGAGACGTGTTGGTGATGTGCGTC

R G T S S H A P * C M R L C T T T T R R -
G E R L L M L R D A * G S A Q P L H A E -
Q G N V F S C S V M H E A L H N H Y T Q -

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1500 AAGAGCCTCTCCCTGTCTCCGGGTAAATGAGTGCGGGCGGCCGcgc 1545
+-----+-----+-----+-----+-----+-----+-----+-----+
TTCTCGGAGAGGGACAGAGGCCCATTTACTCACGCCGCCGGCGcag

R A S P C L R V N E C G G R V
E P L P V S G * M S A A A A
K S L S L S P G K * V R R P R

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